

CITY OF HENDERSONVILLE
Closed Circuit Television (CCTV) Video Inspection of
MS4 Storm Water Collection System

ADDENDUM NO. 1
November 9, 2021

The attention of all Bidders on the above Contract, on which bids are to be taken November 19, 2021 is called to this Addendum No. 1:

1. Attached is a list of questions asked by prospective bidders. Clarification of each item has been included within the addendum or is provided below in blue. NOTE: An updated bid schedule is provided below.
 - a. Will all 62,987 LF be assigned to be completed during the contract. There is some confusion on whether this contract will be as on call as needed, or a contract to complete all 62,987 feet provided in the RFP. *The City would like proposals to include pricing for all 62,000 LF. Assets may be added or removed based on the City's available budget. Priority assets (large diameter pipes, older pipes, pipes in public ROW) will be assigned at the beginning of the project.*
 - b. There is no mention of water used for cleaning operations. Will the City be providing access to hydrants and water used for cleaning? *The City provides bulk water for purchase at 3 Locations (Operations Center, WWTP, WTP). The Contractor will be expected to include this cost in the proposal. Cost for bulk water is \$7.00 per 1000 gal*
 - c. Will there be an issue for off road, or not MOT required work being performed on Saturdays? *CCTV Will be allowed on Saturdays. Cleaning work will need to occur during regular working hours M-F 8am-5pm.*
 - d. Section G-3 states an articulated camera should be used on pipes with bends. Are there requirements for the push camera? Reel length? Flow reduction for inspections? *We do not have set requirements for push cameras.*
 - e. GPS Coordinates are listed as required in the header information for PACP inspections. Will the City be providing that information? Will Contractor be required to obtain GPS information? If so, what are the accuracy requirements or equipment specifications? *The City will provide GIS data for all assets to be inspected (GPS, material, size, Asset ID's).*
 - f. Will the CUES SPIDER 3-D manhole scanner be acceptable for the MACP inspections? It is the best structure scanner on the market as far as accuracy goes, and the point cloud model from them is fully 3-D rendered making a complete 3-D measurable replica of the manholes, with measurements accurate up to 1MM. It definitely will provide the best, most accurate information available, however, due to the amount of information it collects, scans must be processed on a DPS server after taken, so there is no way a deliverable for the manhole scans could be delivered within 24hrs as stated in the RFP. There is no issue with the turn around time for PACP pipeline inspections, they can be delivered same day, but the

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SPIDER would need at least 1 week to fully complete the deliverable. [MACP inspections can be delivered weekly/monthly.](#)

- g. Will a fully rendered 3-D point cloud, with video, be acceptable over still photos of the manholes? [Yes](#)
- h. RFP request that we complete as many sections as possible from each set up, to minimize the number of set ups required to complete the job. If we are able to complete the cleaning and CCTV inspections of several segments within 1 setup, will you still require the manholes that we drove thru during inspections to be cleaned? [No](#)
- i. How is the time to complete each task order assigned determined? Will considerations for the diameter and cleaning be considered? If the contractor disagrees with the time it would take to complete an assigned task order, how will those disputes be resolved? [Time to complete we be determined based on the contractor's best estimate for how long it will take to complete the task. Yes, considerations for different diameters will be considered.](#)
- j. Can we assume all storm lines designated for cleaning will require HEAVY CLEANING, meaning to complete the cleaning will require more than 3 passes with the high-pressure jetting nozzle? [Yes](#)
- k. Will the City consider providing a place to dump dry debris collected during cleaning operations? Perhaps at a dry bed. If not, can City please provide the contact information for any local landfills we may inquire about potential dumping? [Yes, the City will provide a dump location for dry materials collected during cleaning.](#)
- l. What are the acceptable flow rates for each diameter when performing CCTV inspections? Since not specifically listed, can we assume the water levels for each diameter will be based on NASSCO standards? [This assumption is correct.](#)
- m. Will the city consider a CCTV inspection floating the camera thru pipes that are 60" and above? This would dramatically reduce cleaning and inspection time on large diameters. [Yes](#)
- n. Can emergency work be assigned outside of the provided Exhibit 1 map area? If so, what are the parameters that emergency work can be assigned? [No emergency work will be assigned outside of the area map](#)
- o. NASSCO cleaning spec is 95% of the pipes cross-reference space being cleared. Which is listed in the RFP, but it also states that all debris, sand, ect.. should be completely removed from the system, changing the requirement to meet CLEAN standards to 100%. Can the City please clarify? [95% is acceptable](#)
- p. Section H-18 states to be advised that assets may be in poor structural condition. To avoid potential pipe damage, and lodging of equipment, will the City please provide any information about known damage (including previous repairs), on segments when assigned? [Yes](#)

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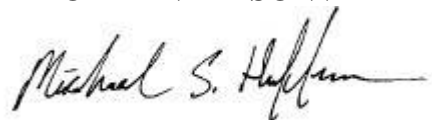
- q. To check on the compatibility of programs, what software and databases are the city currently using? *The City currently uses ESRI Products (ArcGIS) and City Works. If another software is recommended/required, please let the City know in the proposal.*
- r. LF listed, how many LF of the work is considered easement/off-row work?
- s. Will the City provide a map of the area that includes either GIS, or AS-BUILTs of the existing storm sewer assets? *Yes. Is there a pre-bid meeting for this RFP? There is no pre-bid meeting for this RFP.*
- t. If work is to be assigned on a task order base, can the City please change the Unit on the bid schedule for line items 7, 9, and 11 from LS to EA. Unless the entire job is to be awarded in 1 task order. *Item 7 should be a lump sum mobilization cost as the CCTV work will be awarded as one project. Items 9 and 11 have been updated to EA.*
- u. Please clarify what information you would like on the bid schedule for Line Item #5. If CCTV pricing differs for each line item of different diameter, what should we put for the unit price listed on line item #5? *Provide the total estimated cost for all CCTV work.*
- v. Will there be a bid, performance, or payment bond? We would also like to verify that a contractors license will not be required for clean and CCTV work, only state business license. *A performance and payment bond will be required. NAASCO Certifications will be required for all operators performing CCTV work. A state business license will be required for all bidders. Contractor's license is not required for CCTV or cleaning work.*

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Updated Bid Schedule

Bid Item No.	Description	Unit	Quantity	Unit Price	Bid Amount
1.	CCTV Inspection – Pipes (diameter or equivalent) >36"	LF	8483		
2.	30-36"	LF	4944		
3.	24-30"	LF	17399		
4.	18-24"	LF	32160		
5.	Total	LF	62,987		
6.	CCTV Inspection - Manholes	EA	180		
7.	CCTV Mobilization	LS	1		
8.	Stormwater Asset Cleaning (sizes ranging from 18"- 36"+)	LF	13,000		
9.	Cleaning Mobilization	EA	1		
10.	Traffic Control	LS	1		
11.	Emergency Cleaning Mobilization	EA	1		
12.	Total				

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Michael S. Huffman, CSM
 City Stormwater Administrator